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Nucleotide Alignment of Human eIF5A1 (ACC. NM_001970) and Human eIF5A2 (ACC. NM_020390)

eIF5a1	1	ATGGCAGATG ACTTGGACTT CGAGACAGGA GATGCAGGGG CCTCAGGCCAC
eIF5a2	1	ATGGCAGACG AAATTGATT CACTACTGGA GATGCCGGGG CTTCAGGCAC
eIF5a1	51	CTTCCCCATG CAGTGCTCAG CATTACGtAA GAATGGCTTT GTGGTGCTCA
eIF5a2	51	TTACCCATG CAGTGCTCGG CTTTGCACAA AACGGCTTC GTGGTGCTCA
eIF5a1	101	AAGGCCGGCC ATGtaAGATC GTCGGAGATGT CTACTTCGAA GACTGGCAAG
eIF5a2	101	AAGGACGACC ATGCAAATA GTGGAGATGT CAACTCCAA AACTGGAAAG
eIF5a1	151	CACGGCCACG CCAAGGTCCA TCTGGTTGGT ATTGACATCT TtACTGGAA
eIF5a2	151	CATGGTCATG CCAAGGTTCA CCTTGTGGA ATTGATATT TCACGGGCAA
eIF5a1	201	GAAAATGAA GATAATCTGCC CGTCAACTCA tAAATATGGAT GTCCCCAACAA
eIF5a2	201	AAAATATGAA GATATTGTC CTTCTACTCA CAACATGGAT GTTCCAAATA
eIF5a1	251	TCAAAAGGAA TGACTtCCAG CTGATTGGCA TCCAGGATGG GTACCTATCA
eIF5a2	251	TTAAGAGAAA TGATTatCAA CTGATATGCA TTCAAGATGG TTACCTTCC
eIF5a1	301	CTGCTccagg ACAGGGGGGA GGTACGAGAG GACCTTGTCT TCCCTGAGGG
eIF5a2	301	CTGCTgacag AAACTGGTGA AGTTCTGTGAG GATCTAAAC TgCCAGAAC
eIF5a1	351	AGACCTTGGC AAGGAGATTG AGcagaAGTA CGACTGTGGA GAAGAGATCC
eIF5a2	351	TGAACTAGGC AAAGAAAATAG AGggaaaATA CAATGCAGGT GAAGATGTAC
eIF5a1	401	TGATCACGGT GCTGTCTGCC ATGACAGAGG AGGAGGTGT TGCAATCAAG
eIF5a2	401	AGGTGTCGT CATGtgtGCA ATGAGTGAAG AATATGCTGT AGCCATAAAA
eIF5a1	451	GCCatgGCAA AATAa
eIF5a2	451	CCCT-GCAA ATA-

FIG. 59A

Amino Acid Alignment of Human eIF5a1 (ACC. NM_001970) and Human eIF5a2 (ACC. NM_020390)

eIF5a1	MADDLDFETG	DAGASATFPQ	QCSALRKNGF	VVLKGwPCKI	VEMSASKTGK
eIF5a2	1 MADEIDFTTG	1 DAGASSTYPM	QCSALRKNGF	VVLKGPrCKI	VEMSTSKTGK
eIF5a1	51 HGHAKVHLVG	IDIFTGKKYE	DICPSTHNMID	VPNIKRNDfq	LIGIQDGylS
eIF5a2	51 HGHAKVHLVG	IDIFTGKKYE	DICPSTHNMID	VPNIKRNDyQ	LICIQDGylS
eIF5a1	101 LLQDSGEVPE	DLRLPEGDLG	KEIEQKYDCG	EEILITLLSA	MTEEAAVAiK
eIF5a2	101 LLTETGEVRE	DLKLPPEGELG	KEIEGKYNAG	EDVQYSWMC	MSEYAVAiK
eIF5a1	151 amak				
eIF5a2	151 pck-				

FIG. 59B